

## **Status of Power Supply and Quench Protection**

**11/9/2016**

- Power Supply and Energy Dump Resistor
  - Controls are finished.
  - DC cables to test load are connected.
  - AC input cables not connected yet.
  - Energy Dump Resistor is being wired.
    - It is not being used in the PS test.
  - Technicians are not available now.
  - Technicians should be back about the end of November.
  - Testing should be complete by the end of December.
  
- Quench Protection and DAQ
  - DAQ parts in house.
  - Software is mainly complete for strain gage system.
    - Reading voltage from the DAQ system.
    - Need to add individual strain gage coefficients.
    - Need to create the Pet Page.
  - Software for VME based DAQ is not started.
  - Winston is busy with RHIC, plans on returning to sPhenix about the end of November.
  - Software for the Quench Detector has not been started.
  - Zeynep is working on LeRHIC and will be able to work on it about the end of November.
  - The front end electronics design was started, but is not being worked on presently.
    - I will be able to return to sPhenix about the end of November.